

Amendments to the Claims

Please cancel claims 4-6, amend claims 1, 7 and 9, and add new claims 10-17 as shown in the following listing of claims. This listing of claims will replace all prior versions, and listings, of claims in the application.

- 1 1. (currently amended) A display device with pixels arranged in columns ~~n~~
2 and rows ~~n~~, in which the pixels of a row ~~n~~ can be selected by means of a row
3 voltage supplied via control lines, and column voltages that correspond to the
4 image data of the selected pixel to be displayed can be supplied via data lines,
5 wherein mutually adjoining pixel groups arranged in a row or column, consisting
6 of adjoining pixels of a row or column, are connected to adjoining control lines or
7 data lines, as applicable, in alternation, some of the control lines being connected
8 to a plurality of delay units such that only every other control line is connected to
9 a particular delay unit, the delay units being used to store row voltage values for
10 the control lines connected to the delay units until a clock signal is supplied to the
11 delay units.
- 1 2. (previously presented) A display device as claimed in claim 1,
2 characterized in that a pixel group comprises one pixel.
- 1 3. (previously presented) A display device as claimed in claim 1,
2 characterized in that mutually adjoining pixels of one row are alternately
3 connected to the adjoining control lines.
- 1 4. (canceled).
- 1 5. (canceled).
- 1 6. (canceled).

1 7. (currently amended) A display device as claimed in claim 1, characterized
2 in that the pixels comprise switching elements (~~S_{xx}~~) with control terminals which
3 are connected to the control lines and data terminals which are connected to the
4 data lines.

1 8. (previously presented) A display device as claimed in claim 1,
2 characterized in that the rows and columns situated at the edges of the display
3 device are covered.

1 9. (currently amended) A method of controlling a display device as claimed
2 in claim 1 4, ~~wherein the column voltages for the columns are supplied to the~~
3 ~~pixels of the selected row without delay unit upon the clock signal, and the~~
4 ~~column voltage values stored in the delay units are supplied to the pixels of the~~
5 ~~selected row, and the column voltages applied to the data lines for the columns~~
6 ~~with the delay units are read into the delay units upon the clock signal and are~~
7 ~~stored therein until the next clock signal.~~

1 10. (new) A display device as claimed in claim 1, wherein the delay units are
2 D-flip-flops.

1 11. (new) A display device with pixels arranged in columns and rows, in
2 which the pixels of a row can be selected by means of a row voltage supplied via
3 control lines, and column voltages that correspond to the image data of the
4 selected pixel to be displayed can be supplied via data lines, wherein mutually
5 adjoining pixel groups arranged in a row or column, consisting of adjoining pixels
6 of a row or column, are connected to adjoining control lines or data lines, as
7 applicable, in alternation, some of the data lines being connected to a plurality of
8 delay units such that only every other data line is connected to a particular delay
9 unit, the delay units being used to store column voltage values for the data lines
10 connected to the delay units until a clock signal is supplied to the delay units.

1 12. (new) A display device as claimed in claim 11, wherein the delay units are
2 D-flip-flops.

1 13. (new) A display device as claimed in claim 11, characterized in that a pixel
2 group comprises one pixel.

1 14. (new) A display device as claimed in claim 11, characterized in that
2 mutually adjoining pixels of a column are connected to the adjoining data lines in
3 alternation.

1 15. (new) A display device as claimed in claim 11, characterized in that the
2 pixels comprise switching elements with control terminals which are connected to
3 the control lines and data terminals which are connected to the data lines.

1 16. (new) A display device as claimed in claim 11, characterized in that the
2 rows and columns situated at the edges of the display device are covered.

1 17. (new) A method of controlling a display device as claimed in claim 11.